

FIG. 1

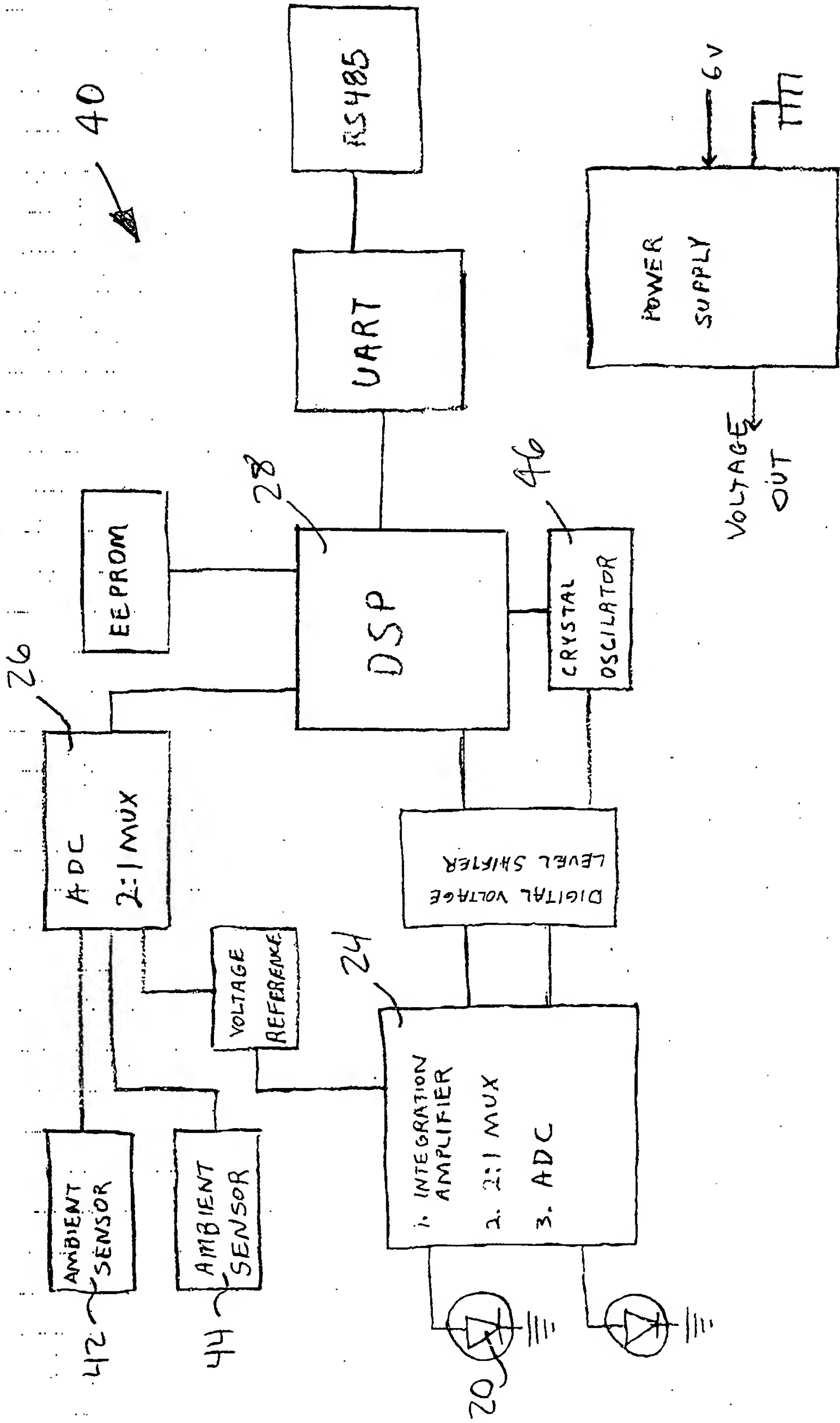


FIG. 2

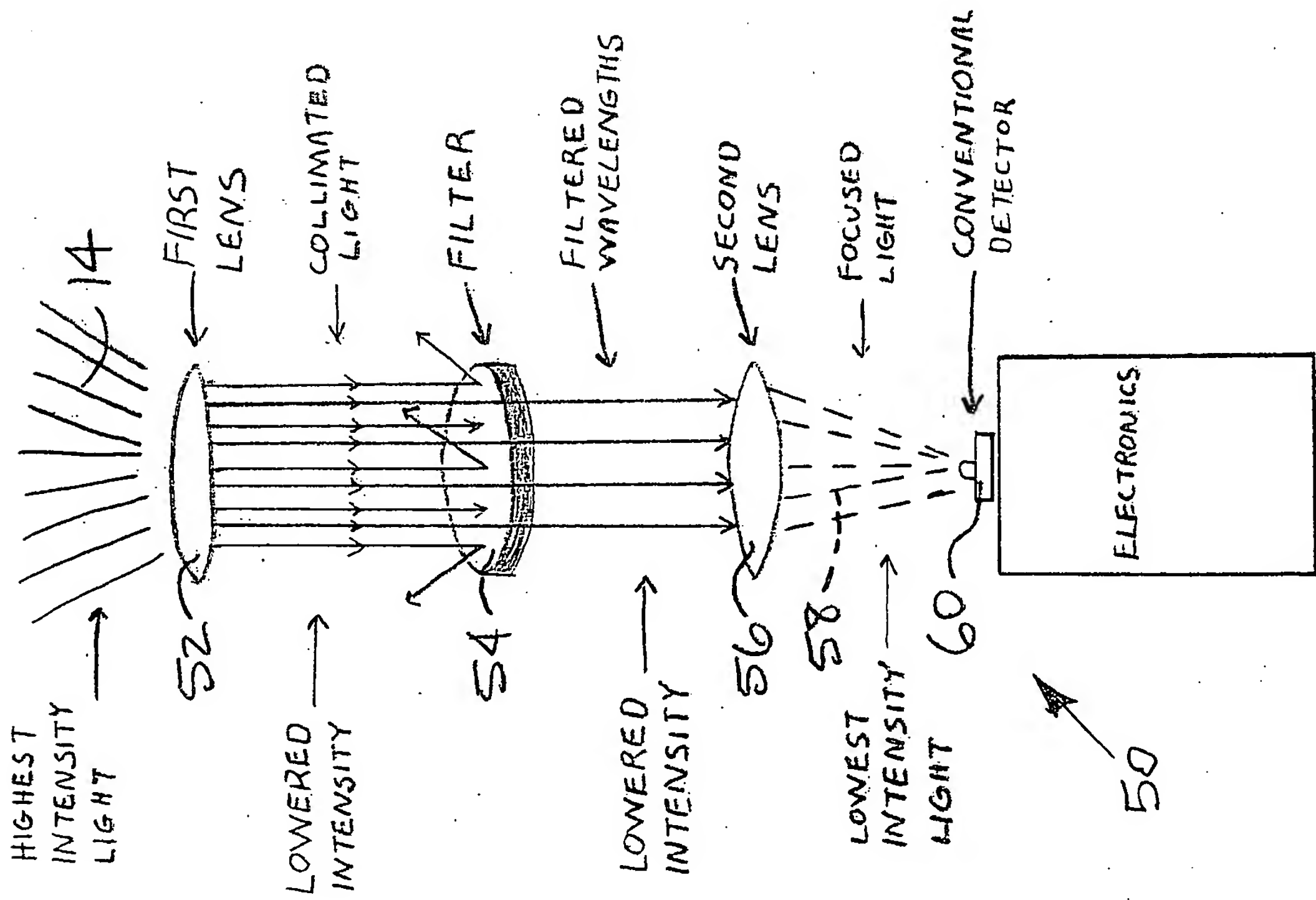


FIG. 3 (PRIOR ART)

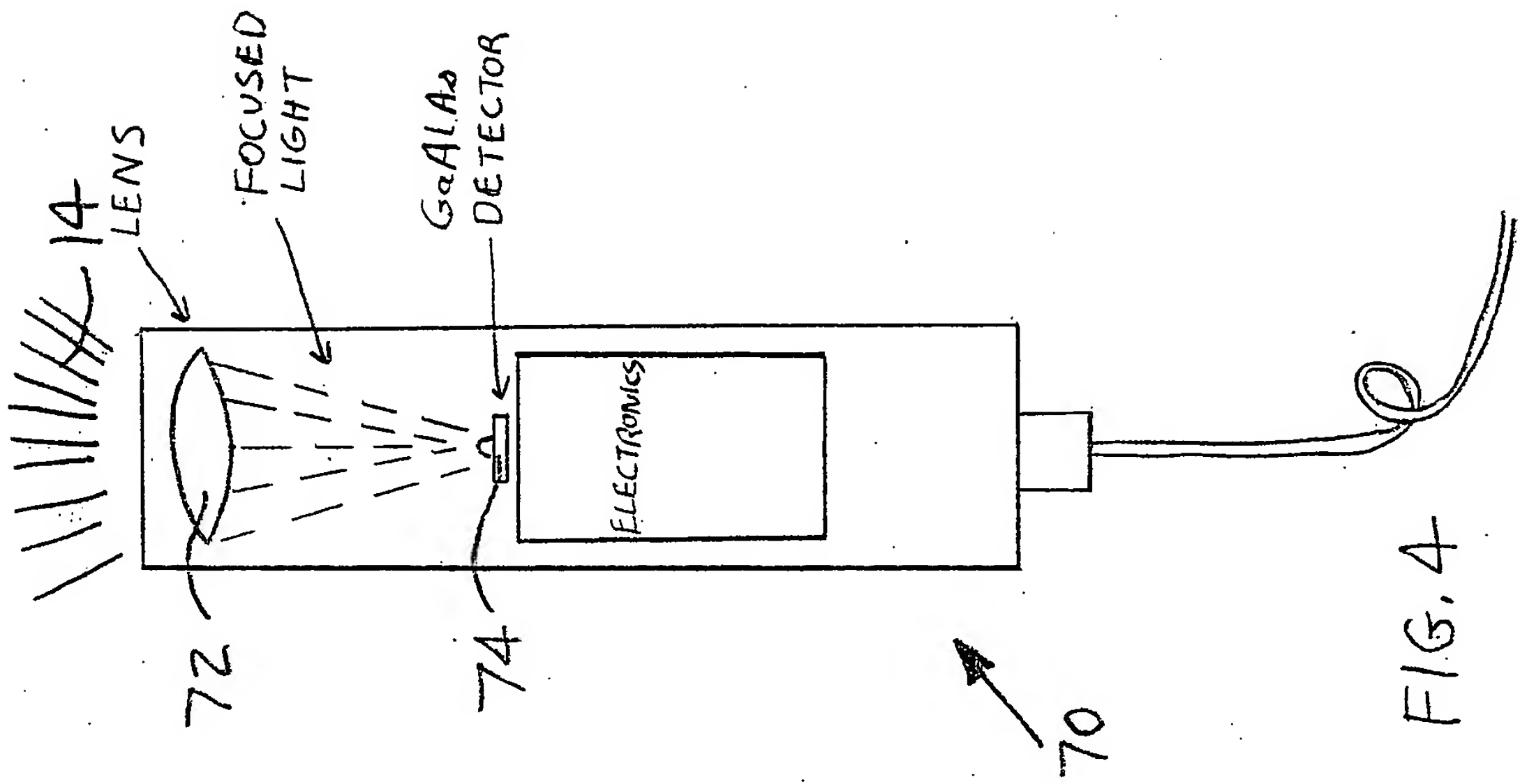


FIG. 4

FIG. 5 (PRIOR ART)

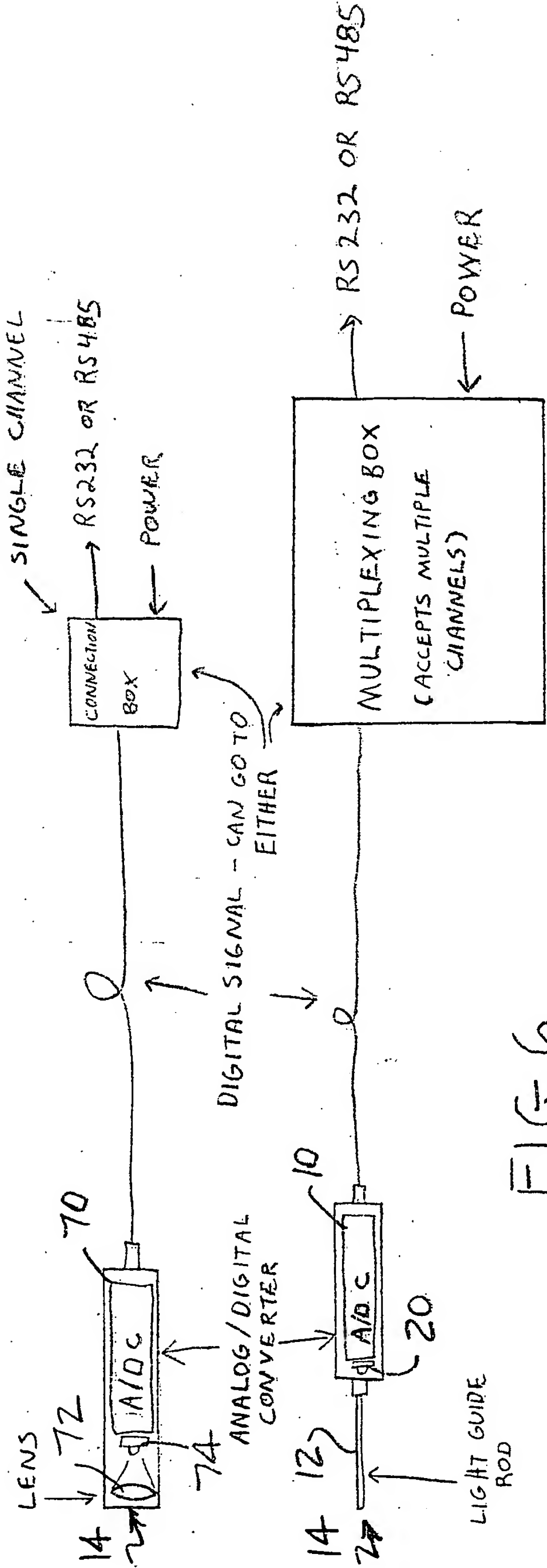
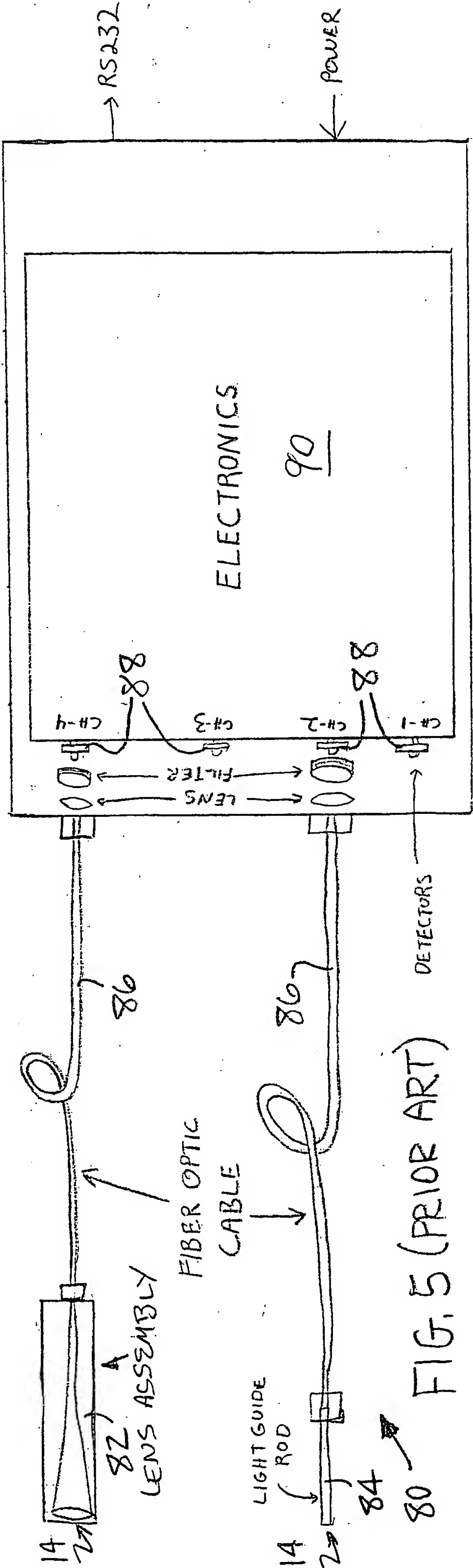


FIG. 6

FIG. 7 (PRIOR ART)

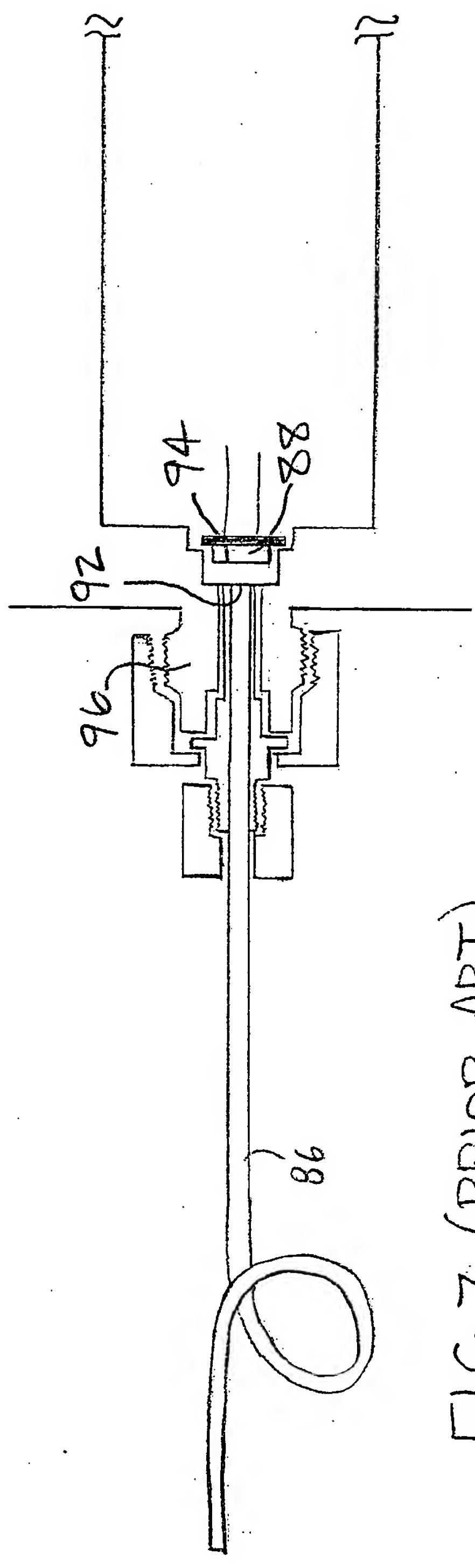


FIG. 7 (PRIOR ART)

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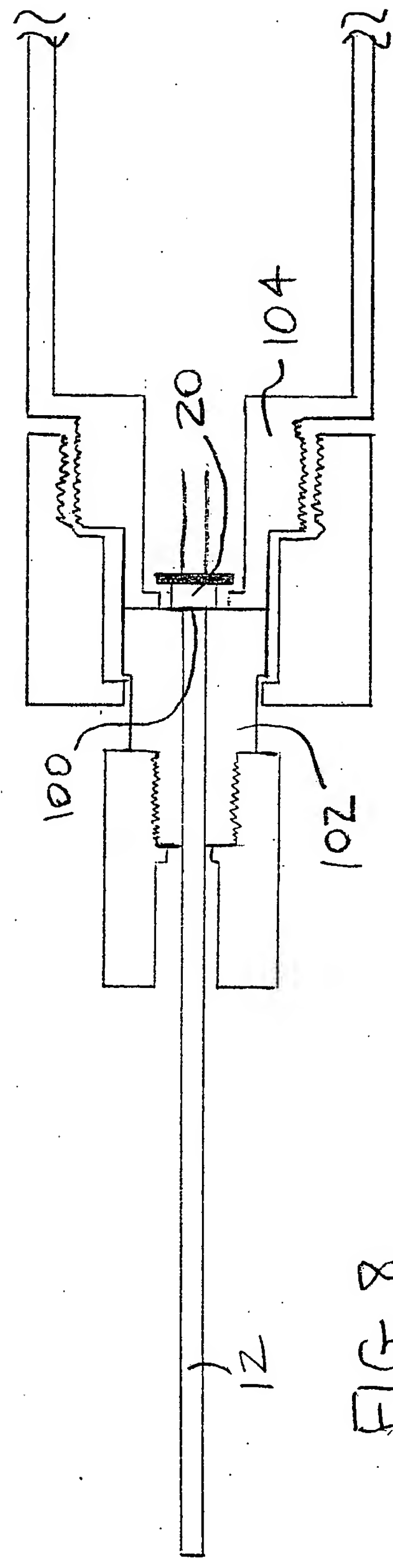
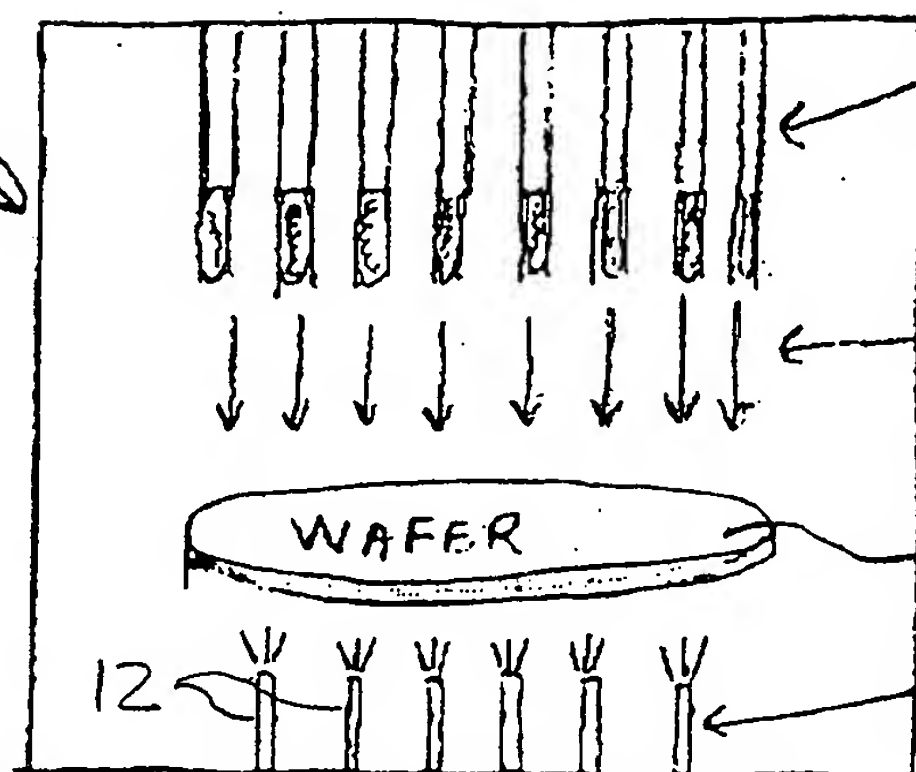


FIG. 8

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WAFER
PROCESSING
CHAMBER
144



HEAT
LAMPS
146

THERMAL
ENERGY

WAFER

142

12

LIGHT GUIDE
RODS 12

DIRECT CONNECTION
TO LIGHT GUIDE RODS

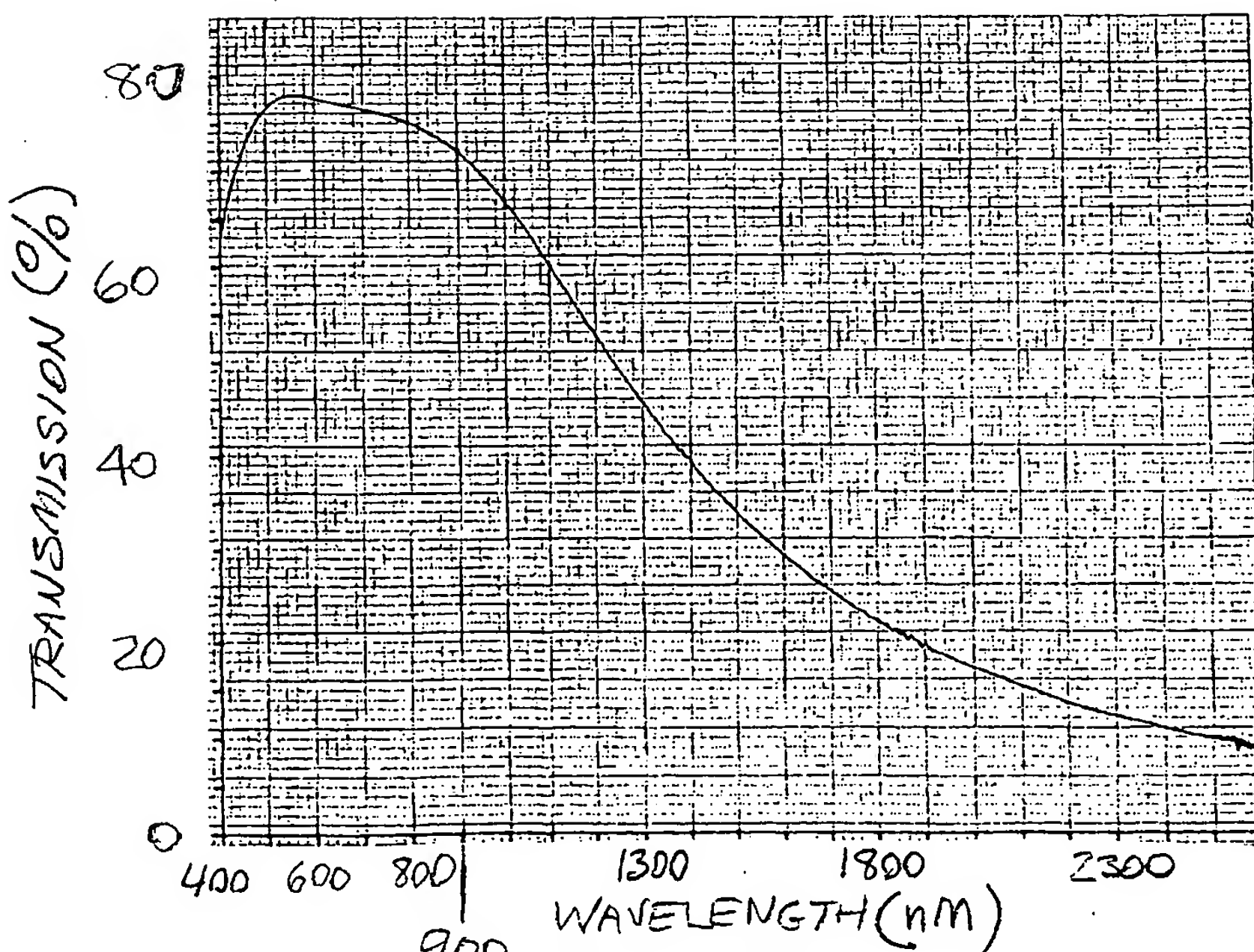
140

DIGITAL
SIGNAL

MUX
BOX

RS 232
OR
RS 485

FIG. 10



130

FIG. 9

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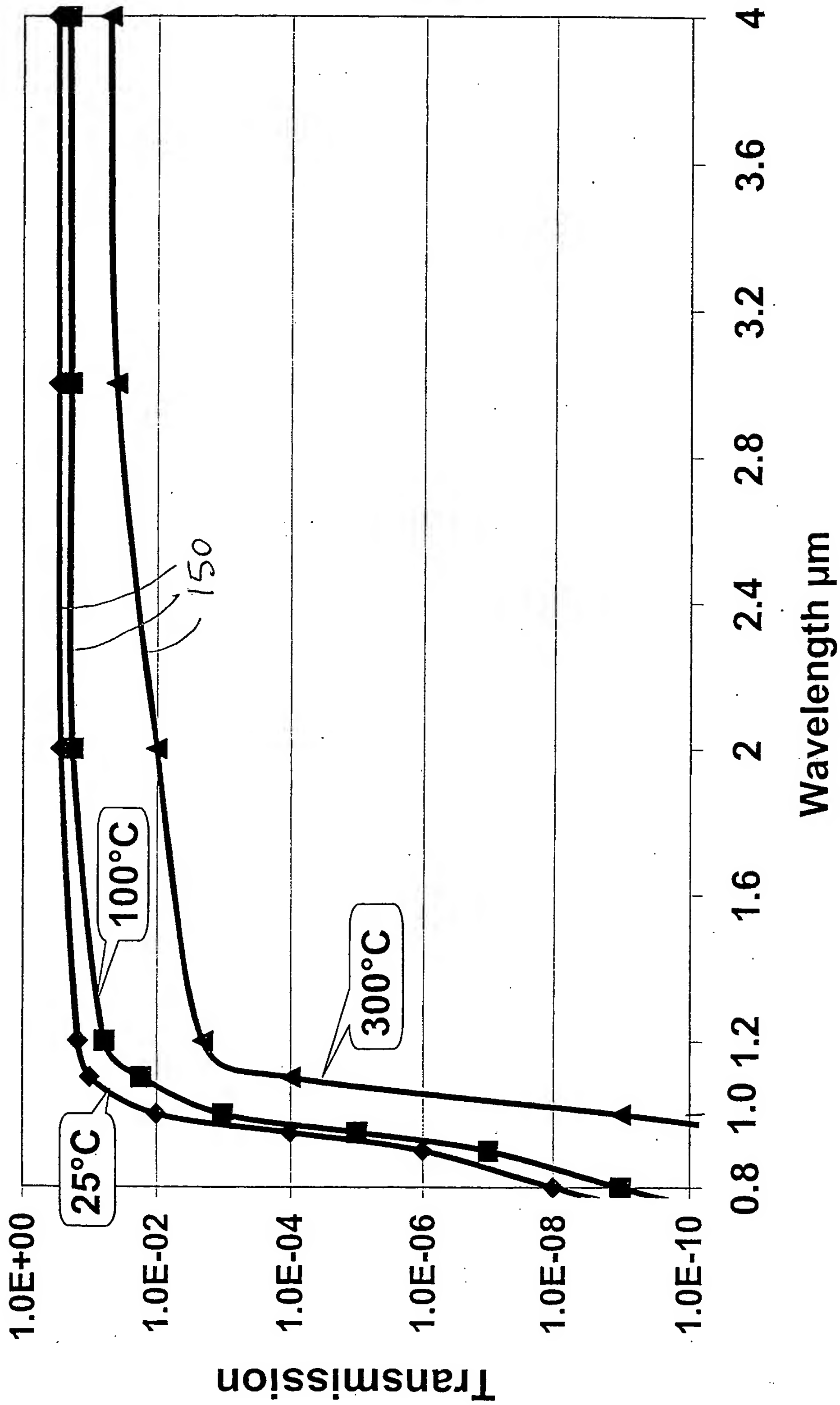


FIG. 11

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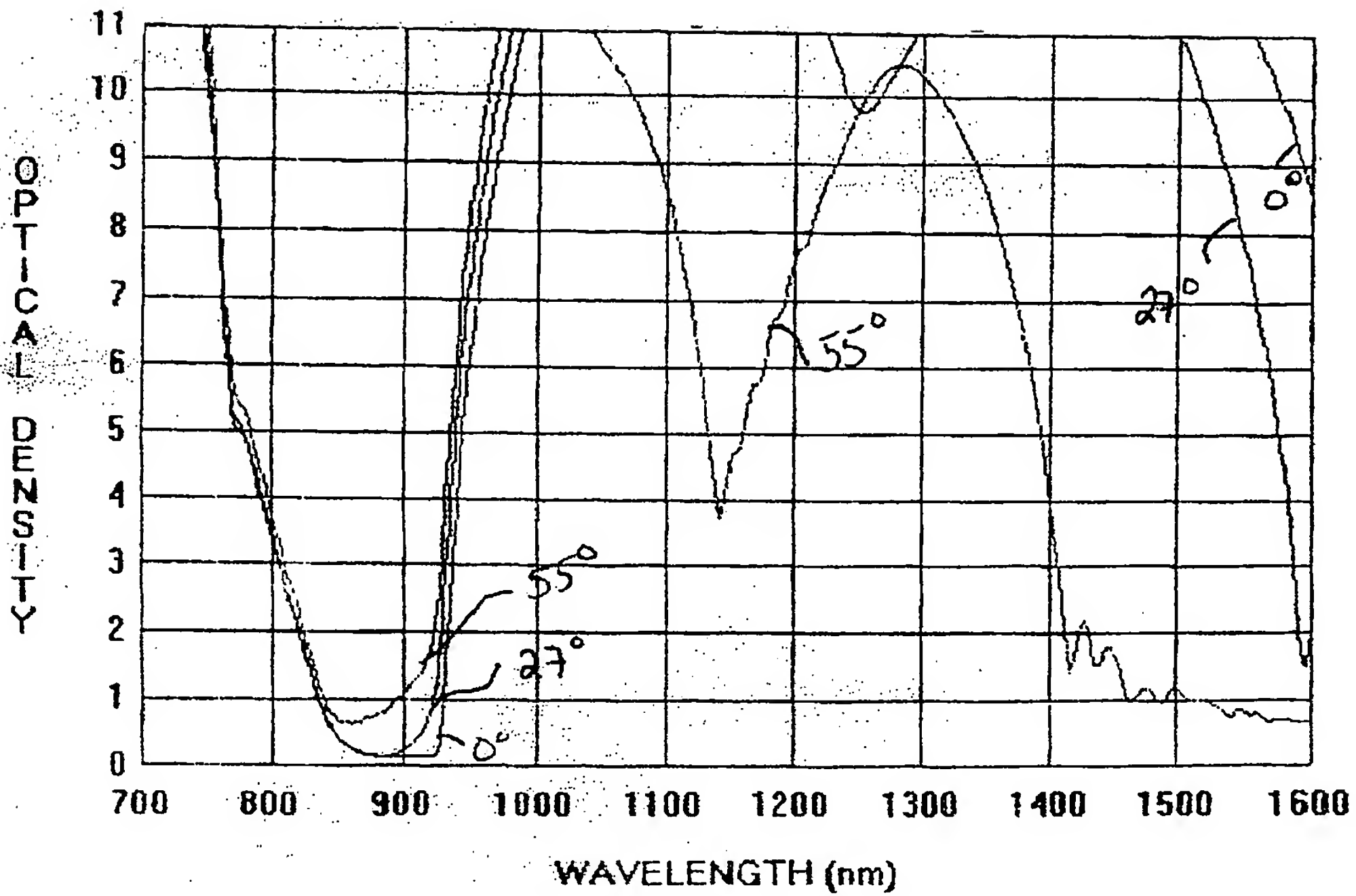


FIG. 12A

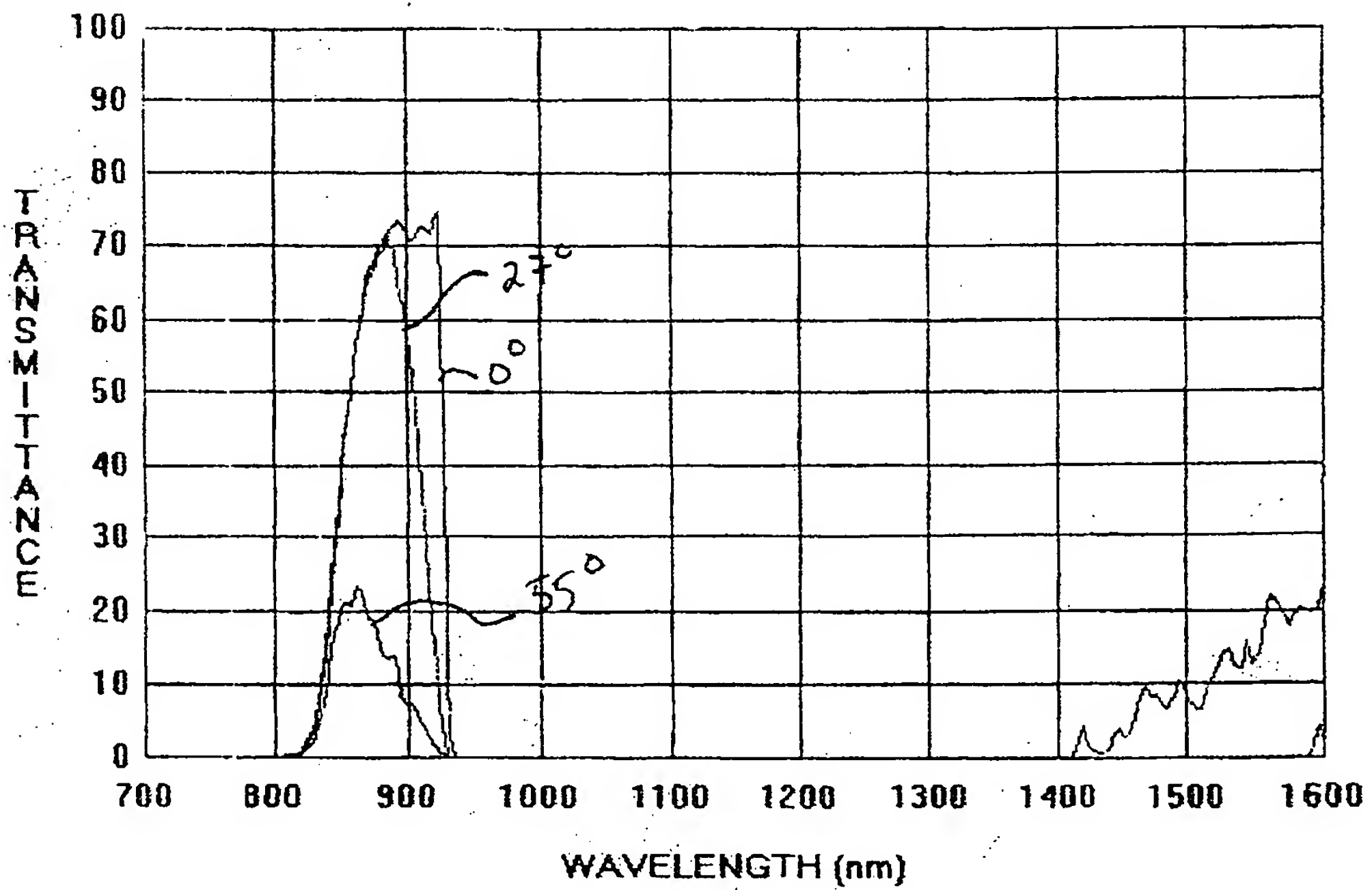


FIG. 12B

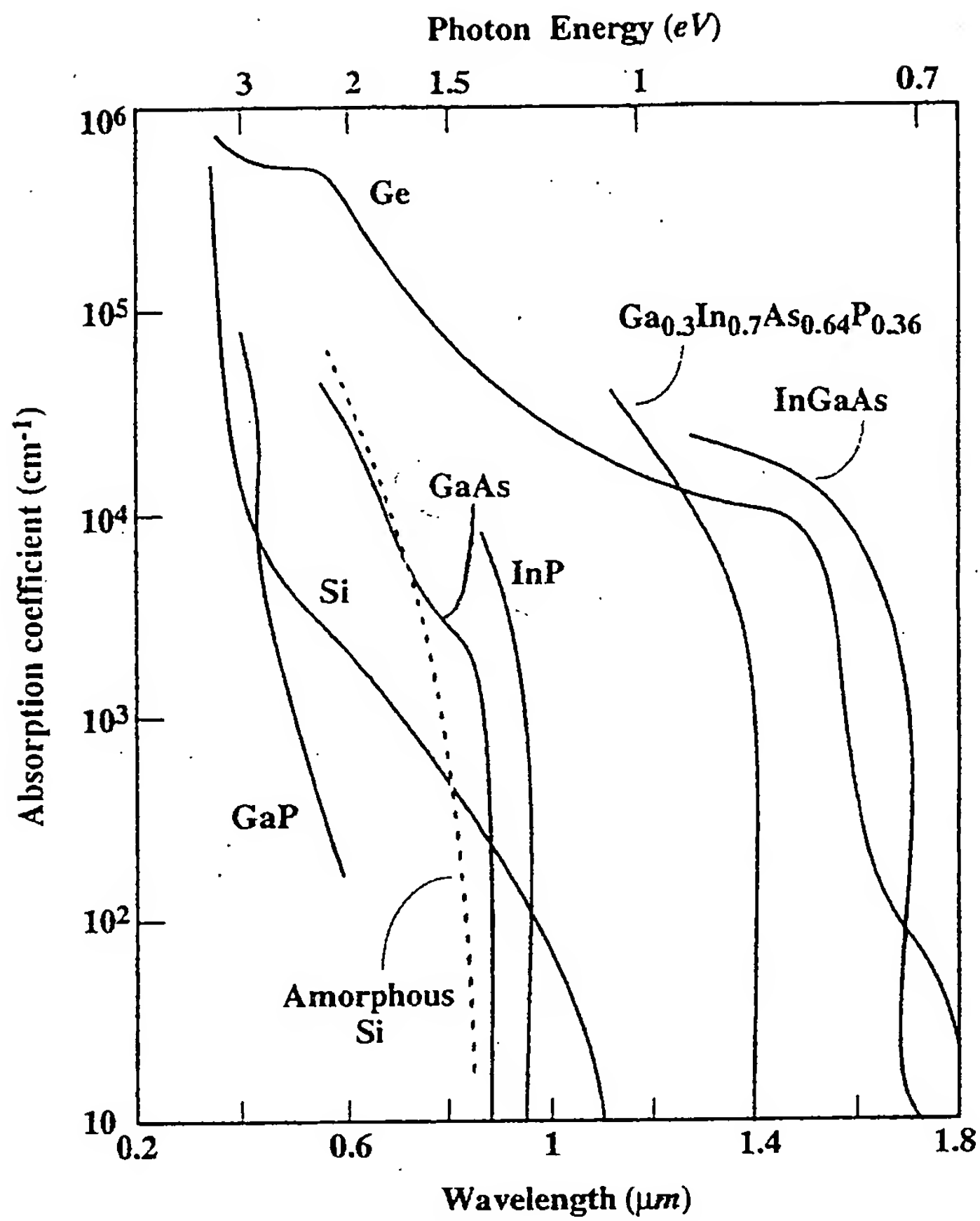


FIG. 13

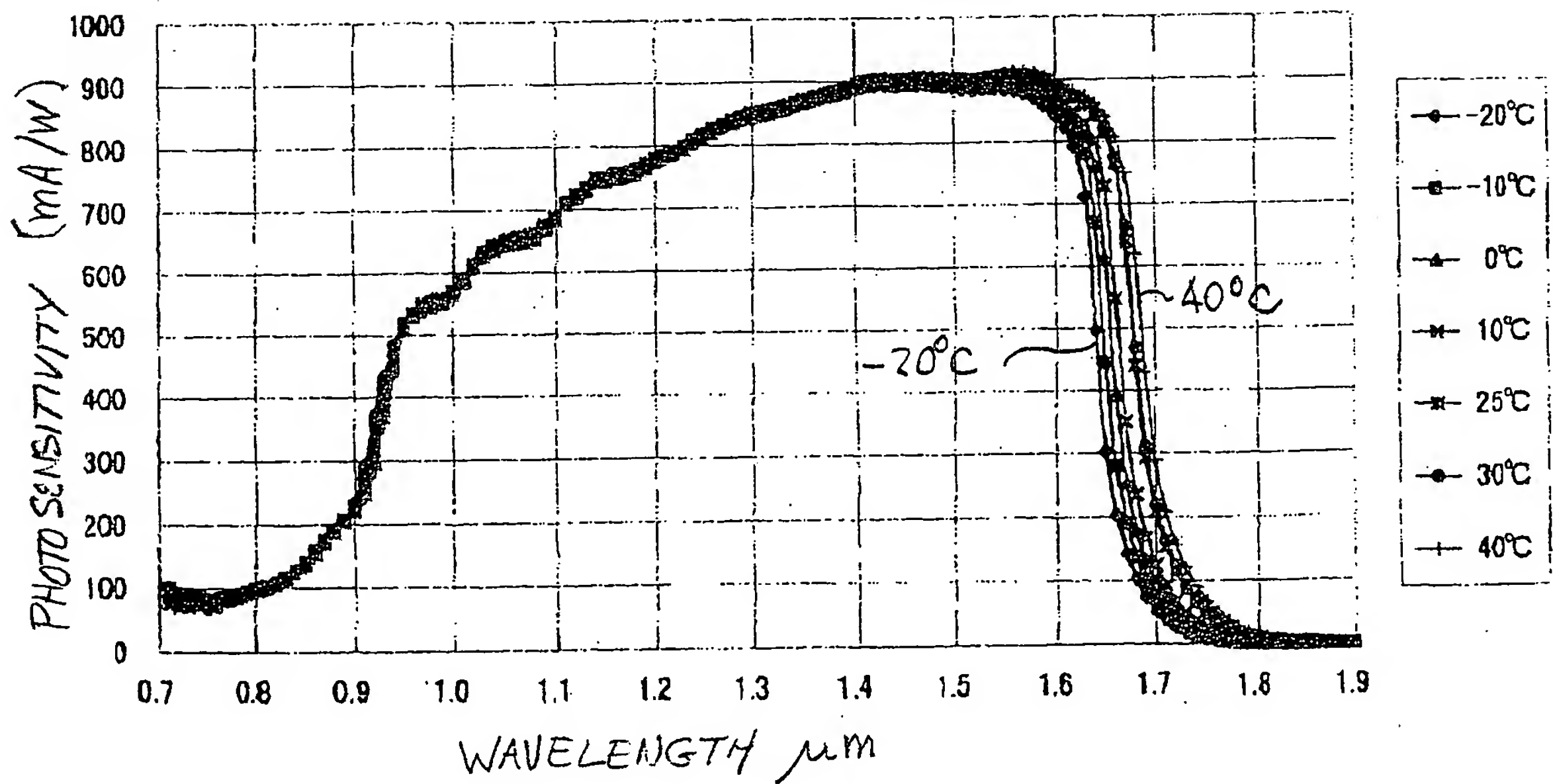


FIG. 15

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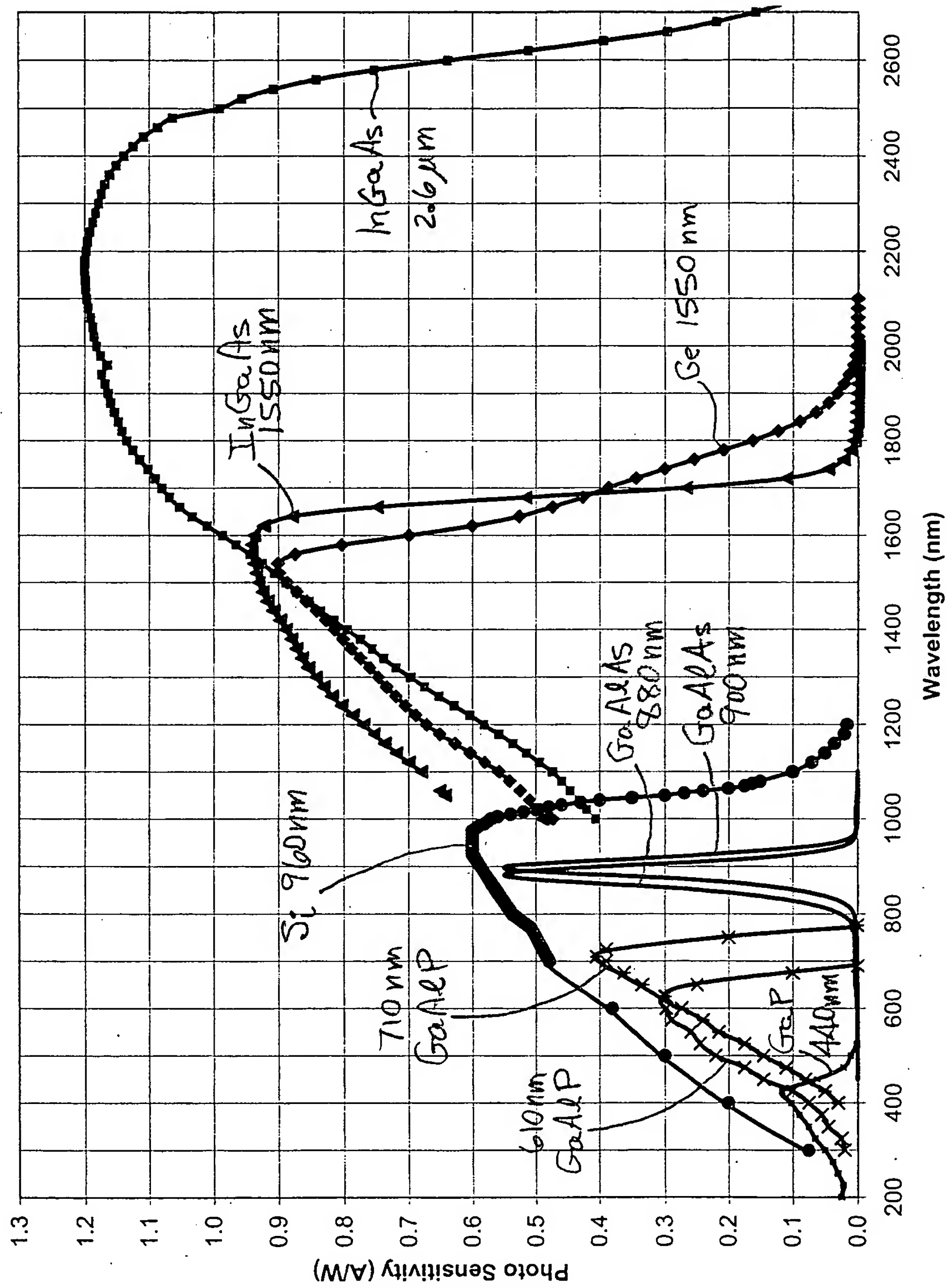


FIG. 14

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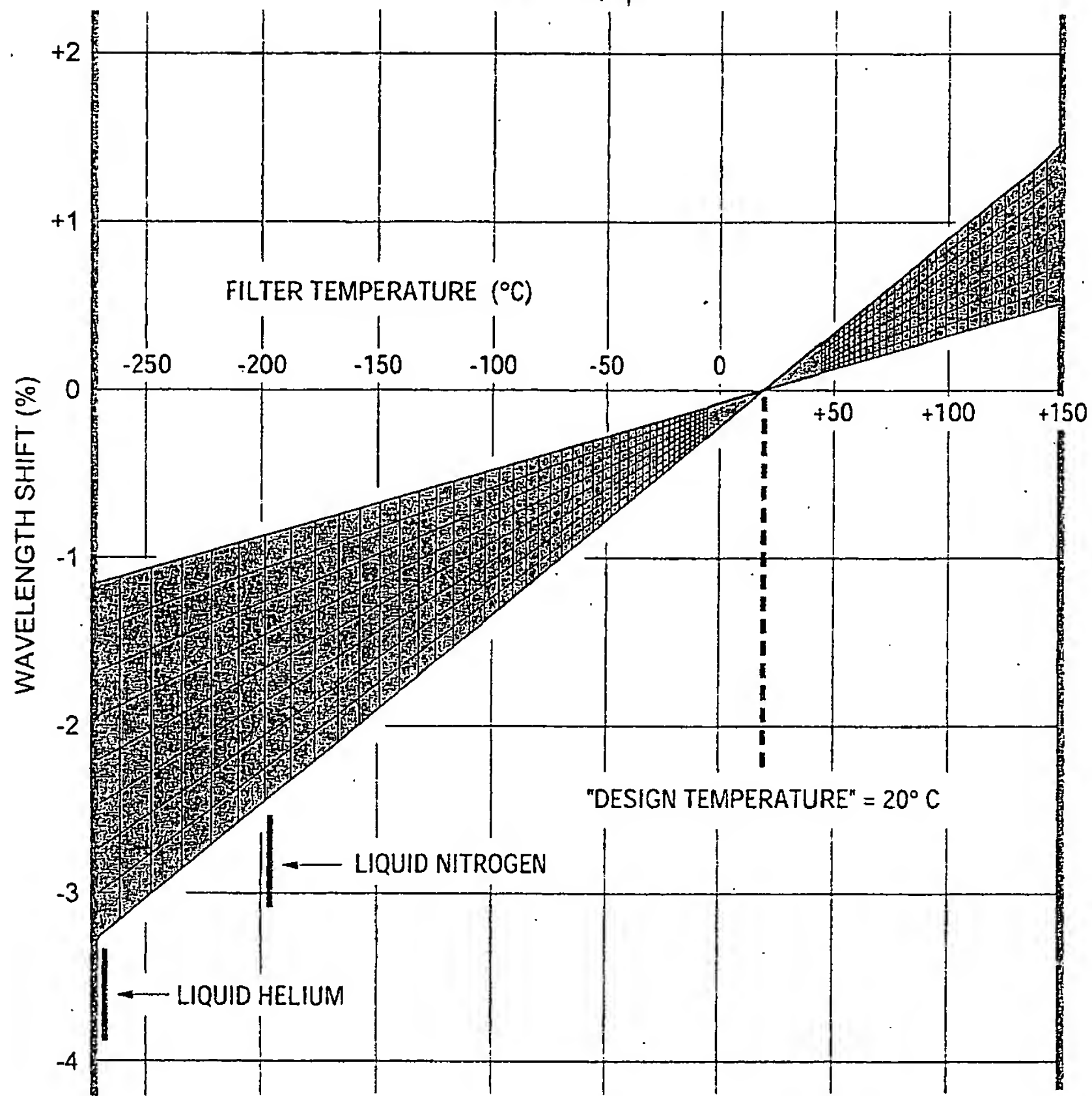


FIG. 16